

Highways Infrastructure and Equipment Committee

Meeting No. 1

7/17/17

Members present: Kurt Johnson, Nate Sullivan, Andy Rowe, Mike Weisel

Public: None

One member absent: Mike Morin

Future meeting schedule will be roughly every 2 weeks at 6 pm in the Town Hall with the following dates set: July 31, Aug. 21, Sept. 11, Sept. 25, Oct. 9, Nov. 13 and Dec.11

Officers: Chair – Kurt; vice chair – Andy; scribe – Mike W.

Other potential members : Meg Armstrong Kurt will contact her

Objectives for 2017

1. Update the capital improvement program with emphasis on major infrastructure projects (as opposed to vehicles or building upgrades and equipment)
2. Understand the available grant programs – Federal, State, other
3. Become familiar with how neighboring towns are handling major infrastructure projects

Elements of the major infrastructure category

1. Bridges
 - a. Major bridges are inspected every 2 years by VTrans
 - b. Problematic bridges
 - i. Mountain Road
 - ii. North Underhill Station road
 - iii. Corbett Road
 - iv. Pleasant Valley Road (between Town Hall and school)
 - v. Pleasant Valley road (near Deane road)
2. Paved roads
 - a. Roads most in need
 - i. River Road
 - ii. Poker Hill Road
 - iii. North Underhill Station Road
 - b. To adhere to a 7 – 10 year paving schedule, we should be paving 2 – 1.5 miles per year
 - c. We have lately been paving a mile or less per year
 - d. Do these roads need an overlay, a reclaim or a rebuild?

- e. Nate and Andy will assemble a list of which roads were paved and when
 - f. Kurt will do further research on a partial-lane reclaim system he has heard about
 - g. At our next meeting we will do a visual on-site inspection of at least these three roads
- 3. Gravel roads
 - a. All gravel roads need a schedule of gravel replenishment to account for losses due to grading and erosion
 - b. Sections of some gravel roads need to be rebuilt to correct insufficient gravel, poor drainage or poor subgrade conditions
 - c. Recently we have been purchasing gravel from Eden Sand and Gravel and have been hauling to an in-town stockpile using our own trucks
 - d. Nate will research the potential of purchasing material from an as yet undeveloped gravel deposit on Beartown Road owned by Pat Lamphere
 - e. Recently we have been purchasing winter sand from Nadeau Sand and Gravel in Johnson and have been doing our own hauling
- 4. Culverts
 - a. We have a culvert inventory on hand
 - b. Need to update it periodically and follow a replacement schedule as dictated by the conditions noted within the inventory

Additional considerations

- 1. Future requirements of Act 64 (water quality regulations)
 - a. Will be implemented in 2020
 - b. Will need to factor this into cost estimated for future road work
 - c. Nate recently accompanied State personnel to several different culvert locations to inspect status
- 2. UVM Seed Project (Senior Experience in Engineering Design)
 - a. UVM seeks meaningful projects for small groups of senior students to undertake
 - b. Underhill may be able to participate in some way – bridge inspections? Culvert inventory updates?
- 3. Mike W. will research with Brian Bigelow and other contacts, the grant programs available

Next meeting

- 1. 6 pm, July 31, 2017
- 2. Visual inspections of several paved roads
- 3. Potential inspection of Lamphere gravel deposit
- 4. Reports of progress on research items raised at this meeting

DRAFT